




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| APPLICATION NO.                                                      | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|----------------------------------------------------------------------|-------------|----------------------|---------------------|------------------|
| 09/864,468                                                           | 05/23/2001  | Bernt Karlsson       | 34646-00451USPT     | 1742             |
| 27045                                                                | 7590        | 10/21/2004           | EXAMINER            |                  |
| ERICSSON INC.<br>6300 LEGACY DRIVE<br>M/S EVR C11<br>PLANO, TX 75024 |             |                      | ZEWDU, MELESS NMN   |                  |
|                                                                      |             |                      | ART UNIT            | PAPER NUMBER     |
|                                                                      |             |                      | 2683                |                  |

DATE MAILED: 10/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

|                        |                               |                                                                                                                    |  |
|------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------|--|
| <b>Advisory Action</b> | Application No.<br>09/864,468 | Applicant(s)<br>KARLSSON ET AL.  |  |
|                        | Examiner<br>Meless N Zewdu    | Art Unit<br>2683                                                                                                   |  |

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 29 June 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY** [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
  - (b) ☐ they raise the issue of new matter (see Note below);
  - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
  - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_

3. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
4. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See the attached examiner's remark.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: 3 and 4.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: 1, 2 and 5-7.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

8. ☐ The drawing correction filed on \_\_\_\_\_ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_.
10. ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

**Examiner's Remarks**

**Attachment to the Advisory Action.**

1. This action is in response to the communication filed on 6/29/04.
2. Claims 1-7 are pending in this advisory action.

**Arguments and responses:**

3. Applicant raises an issue by saying applicant's prior argument was taken, by the examiner, contrary to what was asserted, and traverses the statement made by the examiner. Applicant made a reference to the November 26, 2003 Office Action and stated that applicant's agreement with the examiner was in the sense of Chan et al. failing to teach --- calculating checksum and comparing checksum, but not in the sense of teaching those features as examiner stated in response to applicant's argument. In this matter, examiner agrees with applicant and extends an apology for the misunderstanding made.
4. Applicant (see remarks/Arguments, page 11, last paragraph) puts forward a request for allowance of claims 1-4 and 6-7. Examiner would like to remind applicant that claims 3-4 have been allowed and the rejected claims are 1-2 and 5-7.

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5. **Argument:** with regard to the rejected claims applicant's argument is centered around calculating and comparing checksums including if the checksums are equal, sending a location registration signal to a mobile station wherein the checksums are communicated between a first and second mobile switching centers (MSC1, MSC2) serving a mobile station and wherein the checksums are associated with a mobile station moving from the first MSC to the second MSC.

6. **Response:** examiner respectfully disagrees with the argument for the following reasons. First, Chen et al. discloses an application of Checksums to a mobile communication system. Second, checksum, by definition is calculating and comparing of data items in computer communications (see Newton's Telecom Dictionary, the 14<sup>th</sup> updated and expanded edition), mainly for error correction purposes. Third, the mobile station, HLR, the first MSC and the second MSC are/include computers with some variation in size and capability. So, applying checksums to computers is just following the definition. Therefore, examiner did not find the argument persuasive.

**Note:** the Newton's Telecom Dictionary is introduced here to show the meaning/definition of the word checksum. It is not intended and should not be considered as introducing a new ground of rejection.

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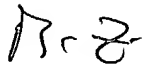
**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Meless N Zewdu whose telephone number is (703) 306-5418. The examiner can normally be reached on 8:30 am to 5:00 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on (703) 308-5318. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Meless Zewdu



Examiner

14 October 2004.



WILLIAM TROST  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600